

Refine Search

Search Results -

Terms	Documents
L9 and (562/\$ or 549/\$)	6

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L10

Search History

DATE: Saturday, February 10, 2007 [Purge Queries](#) [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ

<u>L10</u>	L9 and (562/\$ or 549/\$)	6	<u>L10</u>
<u>L9</u>	L8 and extract\$8	24	<u>L9</u>
<u>L8</u>	L7 and spray\$9	29	<u>L8</u>
<u>L7</u>	L6 same (zinn or magnesium or sodium or potassium or calcium)	60	<u>L7</u>
<u>L6</u>	L5 same metal	93	<u>L6</u>
<u>L5</u>	hydroxycitric acid or hydroxycitr\$8	2502	<u>L5</u>

DB=USPT; PLUR=YES; OP=ADJ

<u>L4</u>	hydroxycitric acid.ti. and l3	21	<u>L4</u>
<u>L3</u>	lactone same hydroxycitric acid	41	<u>L3</u>
<u>L2</u>	lactone of hydroxycitric acid	0	<u>L2</u>

DB=PGPB; PLUR=YES; OP=ADJ

<u>L1</u>	20040259937	1	<u>L1</u>
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END OF SEARCH HISTORY

Hit List

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Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20060106101 A1

L10: Entry 1 of 6

File: PGPB

May 18, 2006

PGPUB-DOCUMENT-NUMBER: 20060106101

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060106101 A1

TITLE: New double salts of (-)-hydroxycitric acid and a process for preparing the same

PUBLICATION-DATE: May 18, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gokaraju; Ganga Raju	Andhra Pradesh		IN
Gokaraju; Rama Raju	Andhra Pradesh		IN
Gottumukkala; Venkata Subbaraju	Andhra Pradesh		IN
Somepalli; Venkateswarlu	Andhra Pradesh		IN

US-CL-CURRENT: [514/494](#); [514/574](#), [556/131](#), [562/582](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. Data
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☐ 2. Document ID: US 20060052438 A1

L10: Entry 2 of 6

File: PGPB

Mar 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060052438

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060052438 A1

TITLE: Bioactive compounds and methods of uses thereof

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ho; Chi-Tang	East Brunswick	NJ	US
Bai; Naisheng	Highland Park	NJ	US
Dong; Zigang	Rochester	MN	US
Bode; Ann M.	Cannon Falls	MN	US

Dushenkov; Slavik

Fort Lee

NJ

US

US-CL-CURRENT: 514/453; 549/332

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 3. Document ID: US 20040229953 A1

L10: Entry 3 of 6

File: PGPB

Nov 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040229953

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040229953 A1

TITLE: Process for preparing highly water soluble double salts of hydroxycitric acid particularly alkali and alkaline earth metal double salts

PUBLICATION-DATE: November 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Gokaraju, Ganga Raju	Andhra Pradesh		IN
Gokaraju, Rama Raju	Andhra Pradesh		IN
Gottumukkala, Venkata Subbaraju	Andhra Pradesh		IN
Pratha, Sridhar	Andhra Pradesh		IN

US-CL-CURRENT: 514/574; 562/584

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 4. Document ID: US 6875891 B2

L10: Entry 4 of 6

File: USPT

Apr 5, 2005

US-PAT-NO: 6875891

DOCUMENT-IDENTIFIER: US 6875891 B2

TITLE: Process for preparing highly water soluble double salts of hydroxycitric acid particularly alkali and alkaline earth metal double salts

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. De
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☐ 5. Document ID: US 6395296 B1

L10: Entry 5 of 6

File: USPT

May 28, 2002

US-PAT-NO: 6395296

DOCUMENT-IDENTIFIER: US 6395296 B1

TITLE: Soluble double metal salt of group IA and IIA of hydroxycitric acid, process

of preparing the same and its use in beverages and other food products without effecting their flavor and properties

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstract	Claims	KWIC	Draw. De
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☐ 6. Document ID: US 6160172 A

L10: Entry 6 of 6

File: USPT

Dec 12, 2000

US-PAT-NO: 6160172

DOCUMENT-IDENTIFIER: US 6160172 A

TITLE: Soluble double metal salt of group IA and IIA of (-) hydroxycitric acid, process of preparing the same and its use in beverages and other food products without effecting their flavor and properties

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequence	Abstract	Claims	KWIC	Draw. De
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Clear

Generate Collection

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Terms

Documents

L9 and (562/\$ or 549/\$)

6

Display Format:

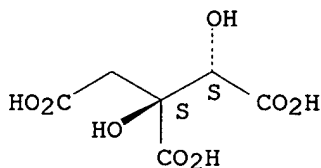
[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

L1 ANSWER 1 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 27750-10-3 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy- (8CI, 9CI) (CA INDEX NAME)
 OTHER NAMES:
 CN (-)-2-Hydroxycitric acid
 CN (-)-Hydroxycitric acid
 CN Citric acid, 2-hydroxy-, (-)-
 CN Garcinia acid
 CN Hydroxycitric acid
 CN Super CitriMax HCA 600SXS
 FS STEREOSEARCH
 DR 4373-35-7
 MF C6 H8 O8
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CIN, DDFU, DRUGU, EMBASE, IPA,
 NAPRALERT, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)

Absolute stereochemistry. Rotation (-).

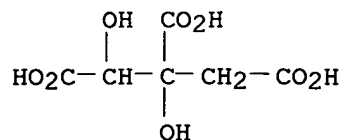


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

244 REFERENCES IN FILE CA (1907 TO DATE)
 31 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 244 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> d 2

L1 ANSWER 2 OF 2 REGISTRY COPYRIGHT 2007 ACS on STN
 RN 6205-14-7 REGISTRY
 ED Entered STN: 16 Nov 1984
 CN Pentamic acid, 3-C-carboxy-2-deoxy- (9CI) (CA INDEX NAME)
 OTHER CA INDEX NAMES:
 CN 1,2,3-Propanetricarboxylic acid, 1,2-dihydroxy- (7CI, 8CI)
 OTHER NAMES:
 CN Hydroxycitric acid
 CN Regulator
 MF C6 H8 O8
 CI COM
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN*, BIOSIS, BIOTECHNO,
 CA, CAOLD, CAPLUS, CBNB, CHEMCATS, CIN, CSCHEM, CSNB, EMBASE, MEDLINE,
 PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL
 (*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

32 REFERENCES IN FILE CA (1907 TO DATE)
 2 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
 32 REFERENCES IN FILE CAPLUS (1907 TO DATE)
 3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> str 27750-10-3

:end

L2 STRUCTURE CREATED

=> s l2 fam ful

FULL SEARCH INITIATED 16:13:44 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 412 TO ITERATE

100.0% PROCESSED 412 ITERATIONS

95 ANSWERS

SEARCH TIME: 00.00.01

L3 95 SEA FAM FUL L2

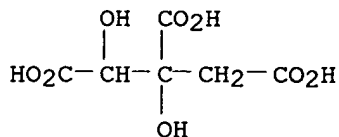
=> d scan

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

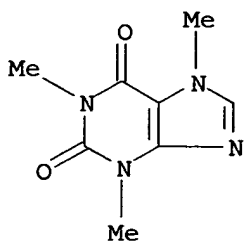
IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 3,7-dihydro-1,3,7-trimethyl-1H-purine-2,6-dione (9CI)

MF C8 H10 N4 O2 . x C6 H8 O8

CM 1

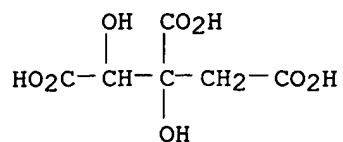


CM 2



HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):94

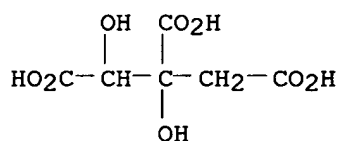
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, dysprosium salt (9CI)
 MF C6 H8 O8 . x Dy



●x Dy(x)

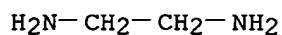
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 3,7-dihydro-1,3-dimethyl-1H-purine-2,6-dione and 1,2-ethanediamine (? : 2 : 1) (9CI)
 MF C7 H8 N4 O2 . x C6 H8 O8 . 1/2 C2 H8 N2

CM 1

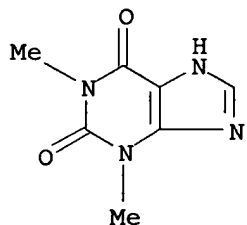


CM 2

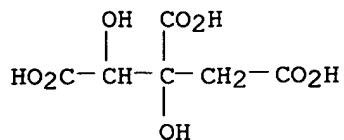
CM 3



CM 4



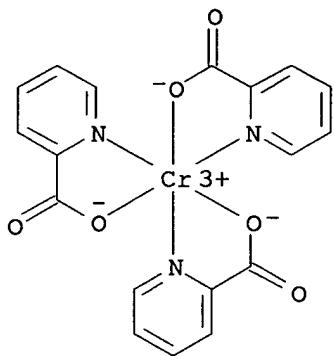
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, yttrium salt (9CI)
 MF C6 H8 O8 . x Y



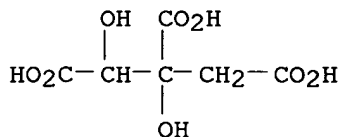
● x Y(x)

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Chromium, tris(2-pyridinecarboxylato-κN1,κO2)-,
 3-C-carboxy-2-deoxypentarate (9CI)
 MF C18 H12 Cr N3 O6 . x C6 H8 O8

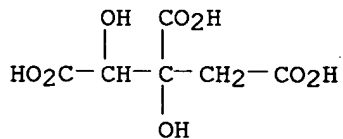
CM 1



CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, zirconium salt (9CI)
 MF C6 H8 O8 . x Zr



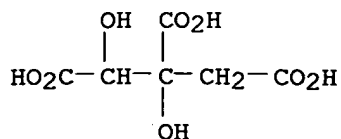
● x Zr(x)

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with phaseolamin (9CI)
MF C6 H8 O8 . x Unspecified

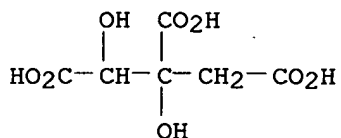
CM 1

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

CM 2



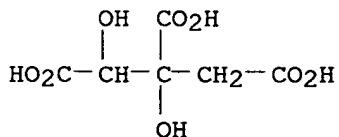
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentaric acid, 3-C-carboxy-2-deoxy-, cerium salt (9CI)
MF C6 H8 O8 . x Ce



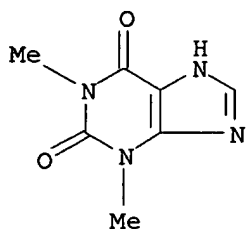
●x Ce(x)

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 3,7-dihydro-1,3-dimethyl-
1H-purine-2,6-dione (9CI)
MF C7 H8 N4 O2 . x C6 H8 O8

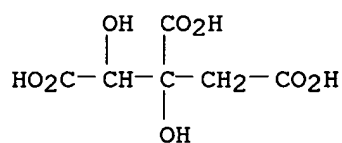
CM 1



CM 2



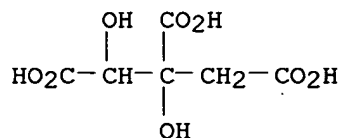
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, iron(3+) salt (1:1) (9CI)
 MF C6 H8 O8 . Fe



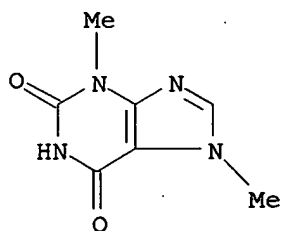
● Fe(III)

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 3,7-dihydro-3,7-dimethyl-1H-purine-2,6-dione (9CI)
 MF C7 H8 N4 O2 . x C6 H8 O8

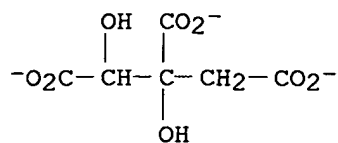
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CM 2

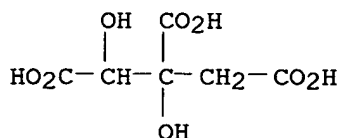


L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy-, ion(3-) (9CI)
 MF C6 H5 O8

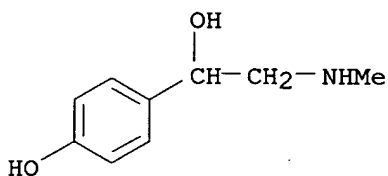


L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 4-hydroxy- α -
 [(methylamino)methyl]benzenemethanol (9CI)
 MF C9 H13 N O2 . x C6 H8 O8

CM 1

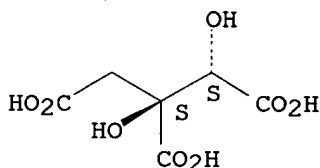


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy- (8CI, 9CI)
 MF C6 H8 O8
 CI COM

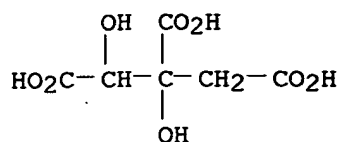
Absolute stereochemistry. Rotation (-).



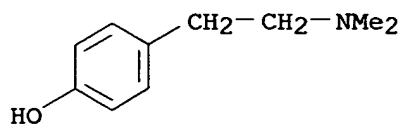
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 4-[2-(
 (dimethylamino)ethyl]phenol (9CI)
 MF C10 H15 N O . x C6 H8 O8

CM 1

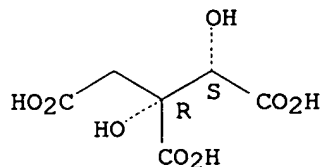


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-threo-Pentamic acid, 3-C-carboxy-2-deoxy- (9CI)
 MF C6 H8 O8
 CI COM

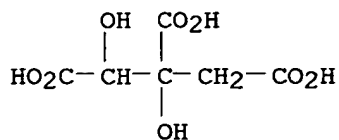
Absolute stereochemistry.



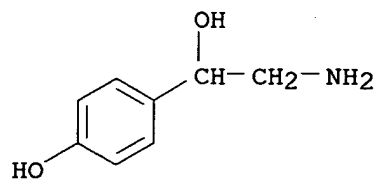
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentamic acid, 3-C-carboxy-2-deoxy-, compd. with α -(aminomethyl)-4-hydroxybenzenemethanol (9CI)
 MF C8 H11 N O2 . x C6 H8 O8

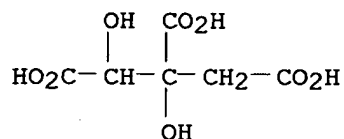
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CM 2

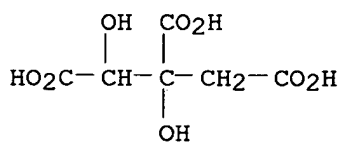


L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, trisodium salt (9CI)
 MF C6 H8 O8 . 3 Na

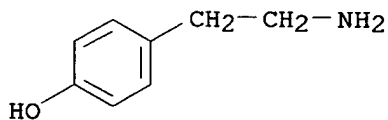


●3 Na

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 4-(2-aminoethyl)phenol (9CI)
 MF C8 H11 N O . x C6 H8 O8
 CM 1

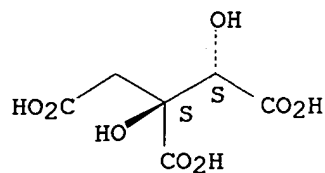


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
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 MF C6 H8 O8 . 3 Na

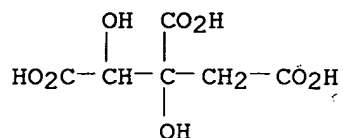
Absolute stereochemistry. Rotation (-).



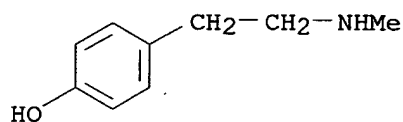
● 3 Na

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 4-[2-(methylamino)ethyl]phenol (9CI)
 MF C9 H13 N O . x C6 H8 O8

CM 1

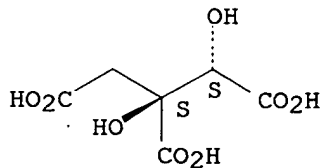


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN erythro-Pentaric acid, 3-C-carboxy-2-deoxy- (9CI)
 MF C6 H8 O8
 CI COM

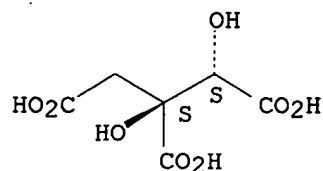
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

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 MF C6 H8 O8 . x Li

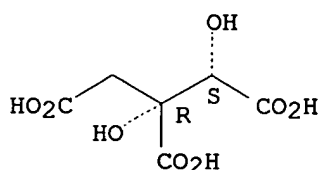
Absolute stereochemistry. Rotation (-).



●x Li

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN threo-Pentamic acid, 3-C-carboxy-2-deoxy- (9CI)
MF C6 H8 O8
CI COM

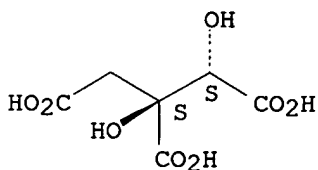
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, monocation salt (9CI)
MF C6 H8 O8 . Cs

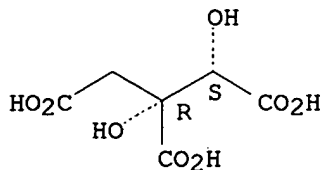
Absolute stereochemistry. Rotation (-).



● Cs

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-threo-Pentamic acid, 3-C-carboxy-2-deoxy-, trisodium salt (9CI)
MF C6 H8 O8 . 3 Na

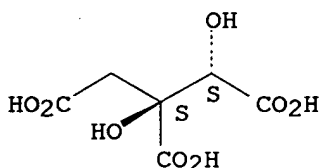
Absolute stereochemistry.



● 3 Na

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, monofrancium salt (9CI)
 MF C6 H8 O8 . Fr

Absolute stereochemistry. Rotation (-).

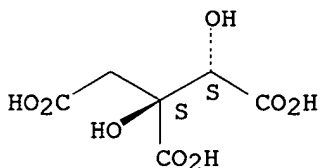


● Fr

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, compd. with
 1,2-ethanediamine (9CI)
 MF C6 H8 O8 . x C2 H8 N2

CM 1

Absolute stereochemistry. Rotation (-).

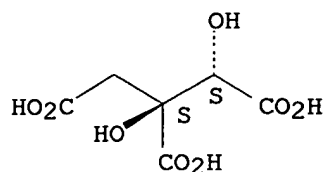


CM 2

H₂N-CH₂-CH₂-NH₂

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, beryllium salt (2:1) (9CI)
 MF C6 H8 O8 . 1/2 Be

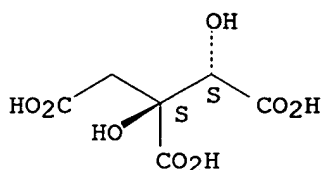
Absolute stereochemistry. Rotation (-).



● 1/2 Be

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, sodium salt (9CI)
 MF C6 H8 O8 . x Na

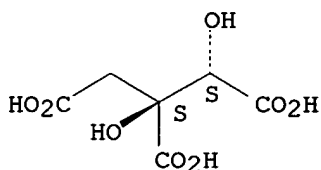
Absolute stereochemistry. Rotation (-).



● x Na

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy-, strontium salt (2:1) (9CI)
 MF C6 H8 O8 . 1/2 Sr

Absolute stereochemistry. Rotation (-).

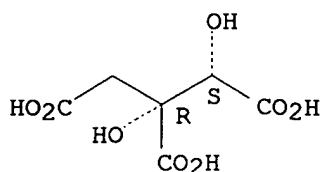


● 1/2 Sr

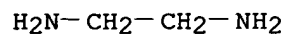
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-threo-Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 1,2-ethanediamine (1:1), monohydrate (9CI)
 MF C6 H8 O8 . C2 H8 N2 . H2 O

CM 1

Absolute stereochemistry.

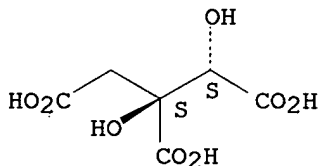


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, barium salt (2:1) (9CI)
 MF C6 H8 O8 . 1/2 Ba

Absolute stereochemistry. Rotation (-).

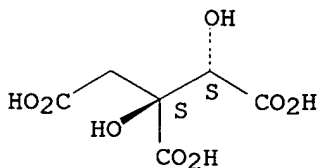


● 1/2 Ba

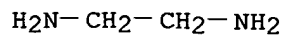
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, compd. with
 1,2-ethanediamine (1:1) (9CI)
 MF C6 H8 O8 . C2 H8 N2

CM 1

Absolute stereochemistry. Rotation (-).



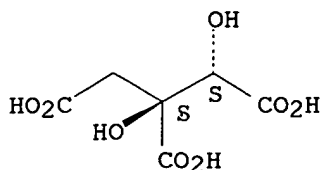
CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

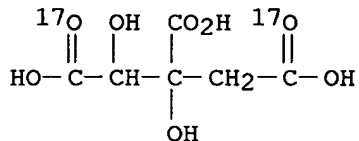
IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, radium salt (2:1) (9CI)
 MF C6 H8 O8 . 1/2 Ra

Absolute stereochemistry. Rotation (-).



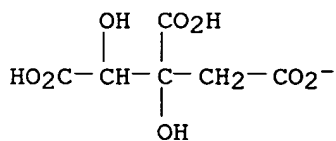
● 1/2 Ra

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentamic-1,5-17O2 acid, 3-C-carboxy-2-deoxy-, disodium salt (9CI)
 MF C6 H8 O8 . 2 Na



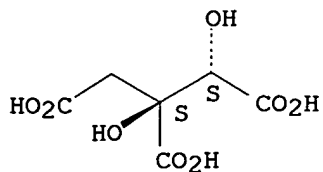
● 2 Na

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentamic acid, 3-C-carboxy-2-deoxy-, ion(1-) (9CI)
 MF C6 H7 O8
 CI COM



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, magnesium salt (9CI)
 MF C6 H8 O8 . x Mg

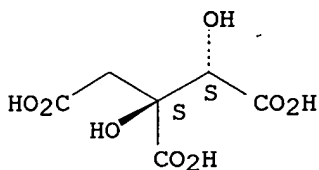
Relative stereochemistry.



●x Mg

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, magnesium potassium salt (9CI)
 MF C6 H8 O8 . x K . x Mg

Absolute stereochemistry. Rotation (-).

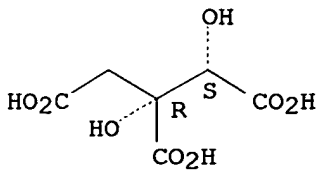


●x K

●x Mg

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN threo-Pentamic acid, 3-C-carboxy-2-deoxy-, magnesium salt (9CI)
 MF C6 H8 O8 . x Mg

Relative stereochemistry.



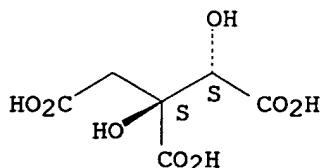
●x Mg

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, ammonium bismuth salt,
 mixt. with 3-[[[2-[(aminoiminomethyl)amino]-4-thiazolyl]methyl]thio]-N-
 (aminosulfonyl)propanimidamide (9CI)
 MF C8 H15 N7 O2 S3 . C6 H8 O8 . x Bi . x H3 N
 CI MXS

CM 1

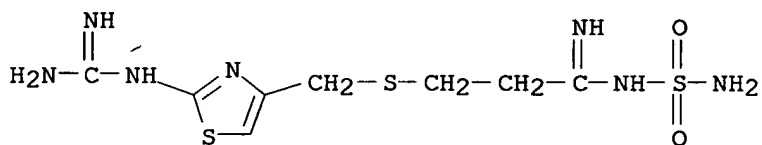
Absolute stereochemistry. Rotation (-).



● x Bi (x)

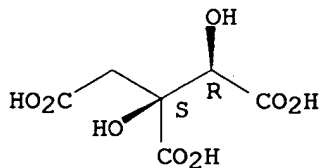
● x NH₃

CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN L-threo-Pentamic acid, 3-C-carboxy-2-deoxy-, magnesium salt (9CI)
 MF C6 H8 O8 . x Mg

Absolute stereochemistry.



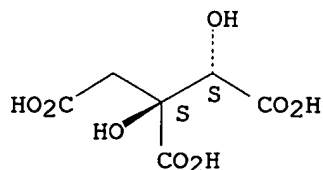
● x Mg

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, ammonium bismuth salt,
 mixt. with N-cyano-N'-methyl-N''-[2-[(5-methyl-1H-imidazol-4-
 yl)methyl]thio]ethyl]guanidine (9CI)

MF C10 H16 N6 S . C6 H8 O8 . x Bi . x H3 N
CI MXS

CM 1

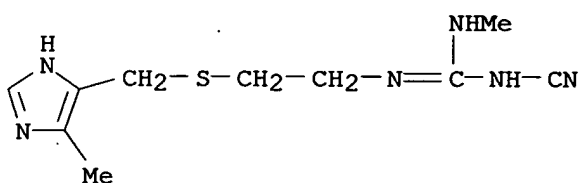
Absolute stereochemistry. Rotation (-).



●x Bi (x)

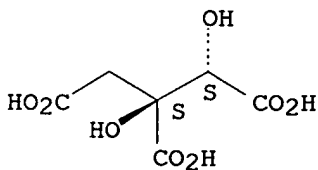
●x NH3

CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium salt (9CI)
MF C6 H8 O8 . x Ca

Relative stereochemistry.

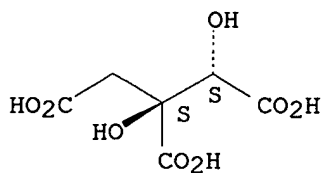


●x Ca

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, ammonium bismuth salt,
mixt. with N-[2-[[[5-[(dimethylamino)methyl]-2-furanyl]methyl]thio]ethyl]-
N'-methyl-2-nitro-1,1-ethenediamine (9CI)
MF C13 H22 N4 O3 S . C6 H8 O8 . x Bi . x H3 N
CI MXS

CM 1

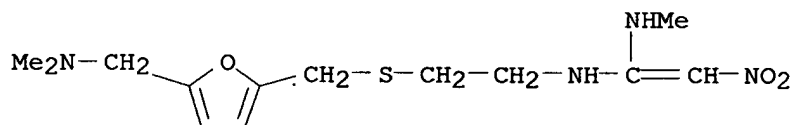
Absolute stereochemistry. Rotation (-).



●x Bi(x)

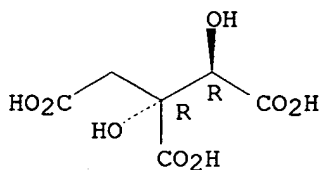
●x NH₃

CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-erythro-Pentaric acid, 3-C-carboxy-4-deoxy-, calcium salt (9CI)
MF C6 H8 O8 . x Ca

Absolute stereochemistry.

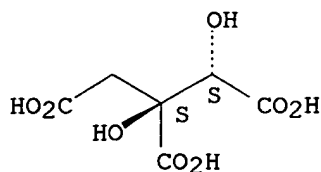


●x Ca

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy-, ammonium bismuth salt,
mixt. with N-[2-[[[2-[(dimethylamino)methyl]-4-
thiazolyl]methyl]thio]ethyl]-N'-methyl-2-nitro-1,1-ethenediamine (9CI)
MF C12 H21 N5 O2 S2 . C6 H8 O8 . x Bi . x H3 N
CI MXS

CM 1

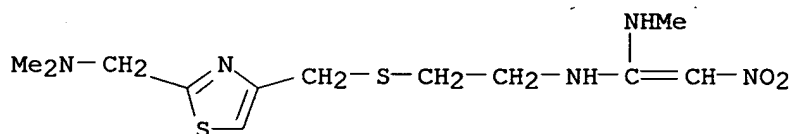
Absolute stereochemistry. Rotation (-).



●x Bi (x)

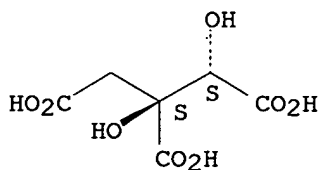
●x NH₃

CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-threo-Pentamic acid, 3-C-carboxy-2-deoxy-, magnesium salt (9CI)
 MF C6 H8 O8 . x Mg

Absolute stereochemistry. Rotation (-).

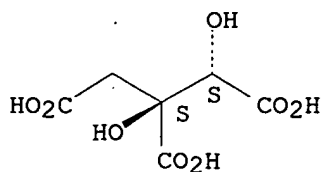


●x Mg

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, mixt. with dimethyl
 (2E)-2-butenedioate (9CI)
 MF C6 H8 O8 . C6 H8 O4
 CI MXS

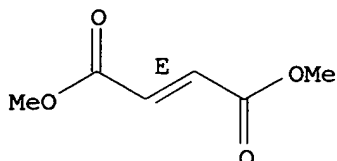
CM 1

Absolute stereochemistry. Rotation (-).



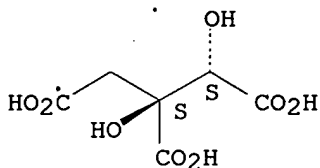
CM 2

Double bond geometry as shown.



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, potassium salt (9CI)
 MF C6 H8 O8 . x K

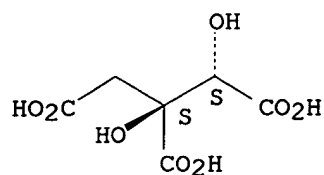
Absolute stereochemistry. Rotation (-).



● x K

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, ammonium bismuth salt (9CI)
 MF C6 H8 O8 . x Bi . x H3 N
 CI COM

Absolute stereochemistry. Rotation (-).

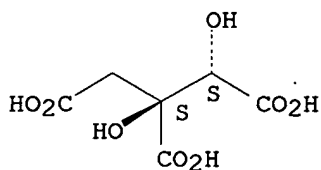


●x Bi(x)

●x NH₃

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium salt (9CI)
 MF C6 H8 O8 . x Ca

Absolute stereochemistry. Rotation (-).

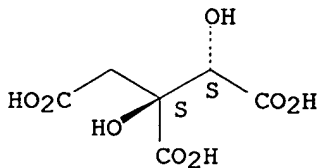


●x Ca

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium salt, compd. with
 2-amino-2-deoxy-D-glucose (1:1:1) (9CI)
 MF C6 H13 N O5 . C6 H8 O8 . Ca

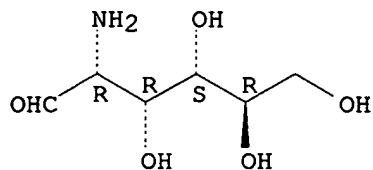
CM 1

Absolute stereochemistry. Rotation (-).

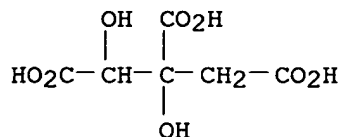


CM 2

Absolute stereochemistry. Rotation (+).



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, tripotassium salt (9CI)
 MF C6 H8 O8 . 3 K

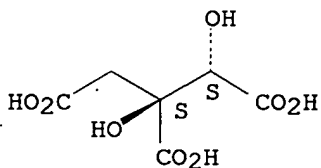


● 3 K

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy-, magnesium salt, compd. with
 2-amino-2-deoxy-D-glucose (1:1:1) (9CI)
 MF C6 H13 N O5 . C6 H8 O8 . Mg

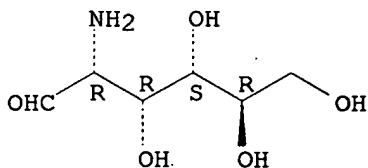
CM 1

Absolute stereochemistry. Rotation (-).



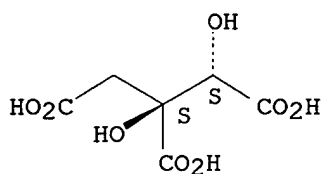
CM 2

Absolute stereochemistry. Rotation (+).



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy-, calcium sodium salt (1:1:1)
 (9CI)
 MF C6 H8 O8 . Ca . Na

Absolute stereochemistry. Rotation (-).



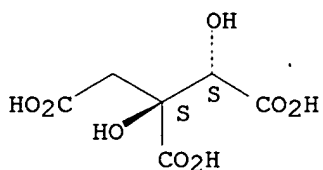
● Ca

● Na

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, zinc salt, compd. with
2-amino-2-deoxy-D-glucose (1:1:1) (9CI)
MF C6 H13 N O5 . C6 H8 O8 . Zn

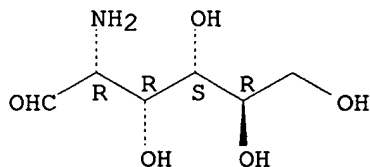
CM 1

Absolute stereochemistry. Rotation (-).



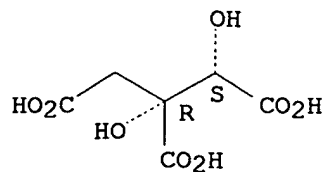
CM 2

Absolute stereochemistry. Rotation (+).



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-threo-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium salt (2:3), dihydrate
(9CI)
MF C6 H8 O8 . 3/2 Ca . H2 O

Absolute stereochemistry.



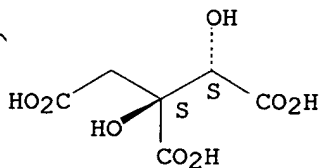
● 3/2 Ca

● H₂O

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium salt, compd. with
 (αR)-α-[(1S)-1-aminoethyl]benzenemethanol (1:1:1) (9CI)
 MF C9 H13 N O . C6 H8 O8 . Ca

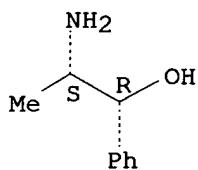
CM 1

Absolute stereochemistry. Rotation (-).



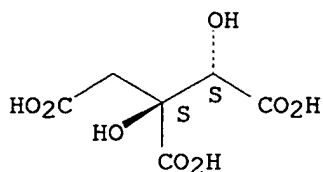
CM 2

Absolute stereochemistry. Rotation (-).



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium potassium salt
 (9CI)
 MF C6 H8 O8 . x Ca . x K

Absolute stereochemistry. Rotation (-).



●x Ca

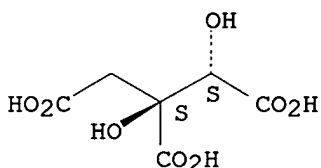
●x K

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, magnesium salt, compd. with
 rel-(αS)-α-[(1R)-1-aminoethyl]benzenemethanol (1:1:1) (9CI).
 MF C9 H13 N O . C6 H8 O8 . Mg

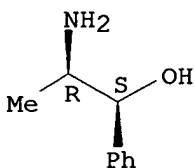
CM 1

Absolute stereochemistry. Rotation (-).



CM 2

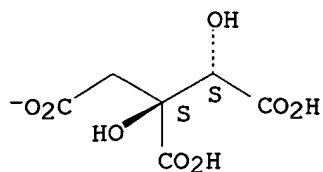
Relative stereochemistry.



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, ion(1-),
 (2R)-3-carboxy-2-hydroxy-N,N,N-trimethyl-1-propanaminium, calcium salt
 (1:1) (9CI)
 MF C7 H16 N O3 . C6 H7 O8 . Ca

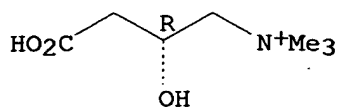
CM 1

Absolute stereochemistry.



CM 2

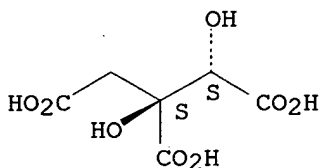
Absolute stereochemistry. Rotation (-).



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, zinc salt, compd. with
 (αR)-α-[(1S)-1-aminoethyl]benzenemethanol (1:1:1) (9CI)
 MF C9 H13 N O . C6 H8 O8 . Zn

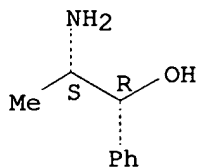
CM 1

Absolute stereochemistry. Rotation (-).



CM 2

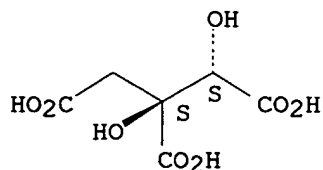
Absolute stereochemistry. Rotation (-).



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, compd. with
 (2R)-3-carboxy-2-hydroxy-N,N,N-trimethyl-1-propanaminium inner salt (1:1)
 (9CI)
 MF C7 H15 N O3 . C6 H8 O8

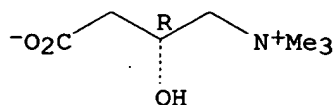
CM 1

Absolute stereochemistry. Rotation (-).



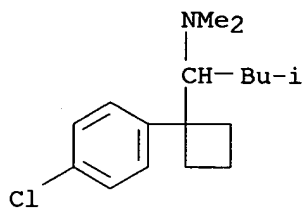
CM 2

Absolute stereochemistry. Rotation (-).



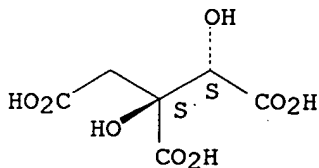
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, magnesium salt, compd. with
 1-(4-chlorophenyl)-N,N-dimethyl-α-(2-methylpropyl)cyclobutanemethana
 mine (1:1:1) (9CI)
 MF C17 H26 Cl N . C6 H8 O8 . Mg

CM 1



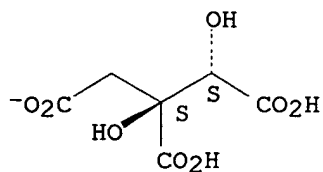
CM 2

Absolute stereochemistry. Rotation (-).



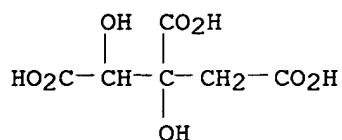
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, ion(1-) (9CI)
 MF C6 H7 O8
 CI COM

Absolute stereochemistry.



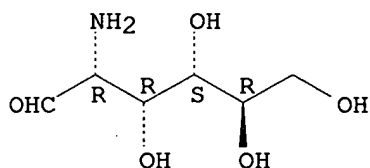
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, calcium salt, compd. with
 2-amino-2-deoxy-D-glucose (1:1:1) (9CI)
 MF C6 H13 N O5 . C6 H8 O8 . Ca

CM 1



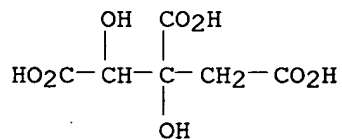
CM 2

Absolute stereochemistry. Rotation (+).

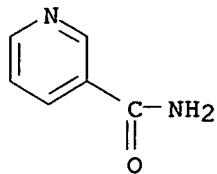


L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 3-pyridinecarboxamide
 (1:1) (9CI)
 MF C6 H8 O8 . C6 H6 N2 O

CM 1

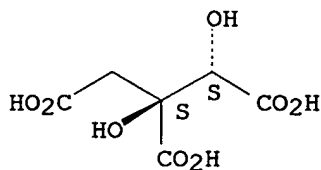


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium zinc salt (2:2:1)
 (9CI)
 MF C6 H8 O8 . Ca . 1/2 Zn

Absolute stereochemistry. Rotation (-).

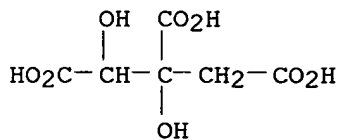


● Ca

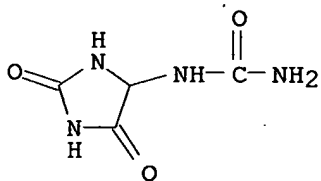
● 1/2 Zn

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentamic acid, 3-C-carboxy-2-deoxy-, compd. with (2,5-dioxo-4-imidazolidinyl)urea (1:3) (9CI)
 MF C6 H8 O8 . 3 C4 H6 N4 O3

CM 1

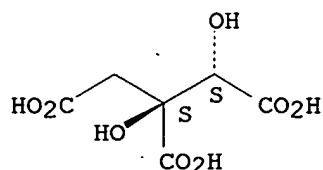


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, magnesium zinc salt (2:2:1)
 (9CI)
 MF C6 H8 O8 . Mg . 1/2 Zn

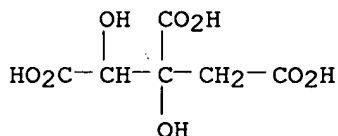
Absolute stereochemistry. Rotation (-).



● Mg

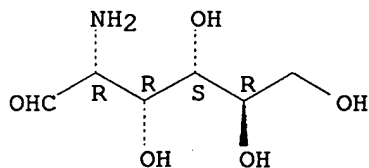
● 1/2 Zn

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentamic acid, 3-C-carboxy-2-deoxy-, compd. with 2-amino-2-deoxy-D-glucose
 (1:3) (9CI)
 MF C6 H13 N O5 . 1/3 C6 H8 O8
 CM 1



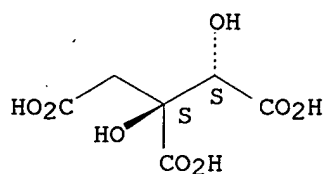
CM 2

Absolute stereochemistry. Rotation (+).



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium magnesium salt
 (2:2:1) (9CI)
 MF C6 H8 O8 . Ca . 1/2 Mg

Absolute stereochemistry. Rotation (-).

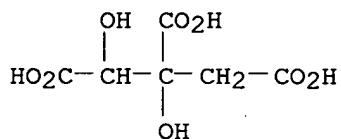


● Ca

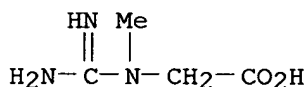
● 1/2 Mg

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with N-(aminoiminomethyl)-N-methylglycine (1:3) (9CI)
MF C6 H8 O8 . 3 C4 H9 N3 O2

CM 1

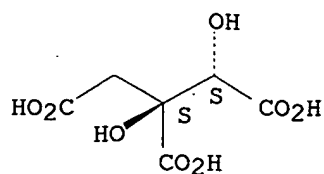


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy-, calcium magnesium potassium salt (9CI)
MF C6 H8 O8 . x Ca . x K . x Mg

Absolute stereochemistry. Rotation (-).



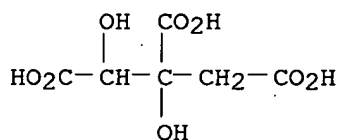
●x Ca

●x K

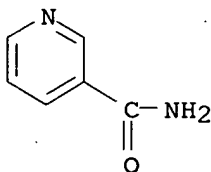
●x Mg

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 3-pyridinecarboxamide
 (1:3) (9CI)
 MF C6 H8 O8 . 3 C6 H6 N2 O

CM 1



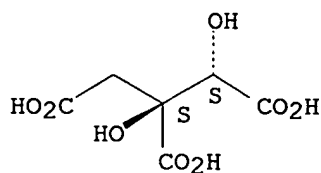
CM 2



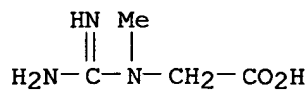
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Glycine, N-(aminoiminomethyl)-N-methyl-, 3-C-carboxy-2-deoxy-D-erythro-
 pentarate (3:1) (9CI)
 MF C6 H8 O8 . 3 C4 H9 N3 O2

CM 1

Absolute stereochemistry. Rotation (-).

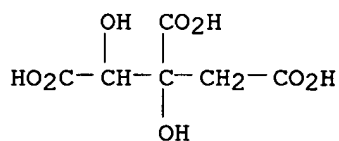


CM 2

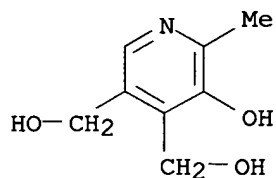


L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 5-hydroxy-6-methyl-3,4-pyridinedimethanol (1:3) (9CI)
 MF C8 H11 N O3 . 1/3 C6 H8 O8

CM 1



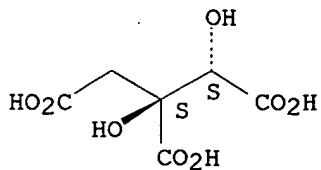
CM 2



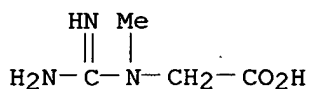
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with N-(aminoiminomethyl)-N-methylglycine (1:1), dipotassium salt (9CI)
 MF C6 H8 O8 . C4 H9 N3 O2 . 2 K

CM 1

Absolute stereochemistry. Rotation (-).



CM 2

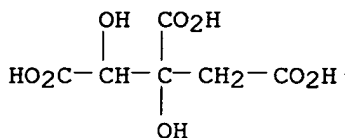


L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with chitosan (9CI)
MF C6 H8 O8 . x Unspecified

CM 1

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

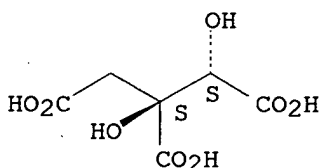
CM 2



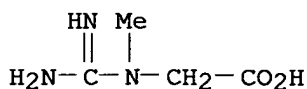
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-erythro-Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with
N-(aminoiminomethyl)-N-methylglycine (1:2), monopotassium salt (9CI)
MF C6 H8 O8 . 2 C4 H9 N3 O2 . K

CM 1

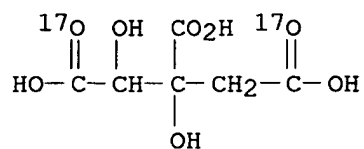
Absolute stereochemistry. Rotation (-).



CM 2

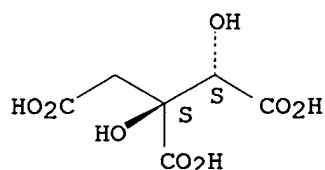


L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentaric-1,5-1702 acid, 3-C-carboxy-2-deoxy-. (9CI)
MF C6 H8 O8
CI COM



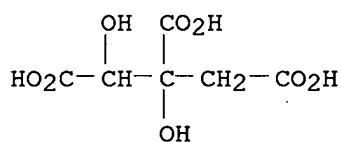
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, tripotassium salt (9CI)
 MF C6 H8 O8 . 3 K

Absolute stereochemistry. Rotation (-).



● 3 K

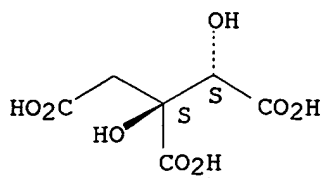
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentamic acid, 3-C-carboxy-2-deoxy-, calcium salt (9CI)
 MF C6 H8 O8 . x Ca



● x Ca

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium magnesium potassium salt (2:1:1:2) (9CI)
 MF C6 H8 O8 . 1/2 Ca . K . 1/2 Mg

Absolute stereochemistry. Rotation (-).



● 1/2 Ca

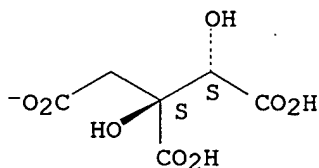
● K

● 1/2 Mg

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN .
 IN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, ion(1-),
 (2R)-3-carboxy-2-hydroxy-N,N,N-trimethyl-1-propanaminium (9CI)
 MF C7 H16 N O3 . C6 H7 O8

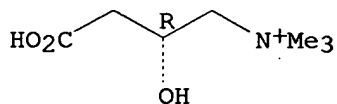
CM 1

Absolute stereochemistry.



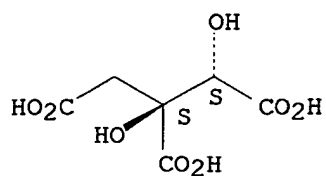
CM 2

Absolute stereochemistry. Rotation (-).



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN INDEX NAME NOT YET ASSIGNED
 MF C6 H8 O8 . 1/2 Ca . K . 1/2 Zn

Absolute stereochemistry. Rotation (-).



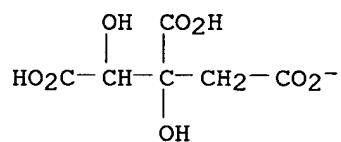
● 1/2 Ca

● K

● 1/2 Zn

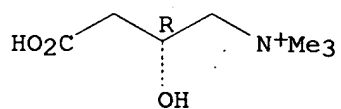
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy-, ion(1-), (2R)-3-carboxy-2-hydroxy-
 N,N,N-trimethyl-1-propanaminium (9CI)
 MF C7 H16 N O3 . C6 H7 O8

CM 1

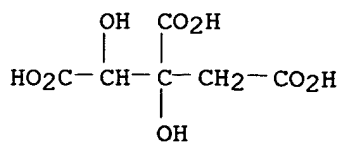


CM 2

Absolute stereochemistry. Rotation (-).



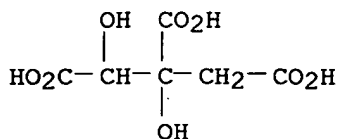
L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
 IN Pentaric acid, 3-C-carboxy-2-deoxy- (9CI)
 MF C6 H8 O8
 CI COM



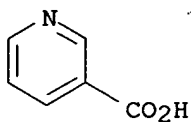
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with 3-pyridinecarboxylic acid
(9CI)
MF C6 H8 O8 . x C6 H5 N O2

CM 1

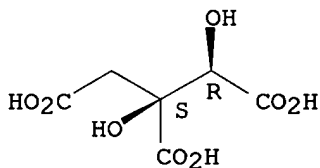


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN L-threo-Pentaric acid, 3-C-carboxy-2-deoxy- (9CI)
MF C6 H8 O8
CI COM

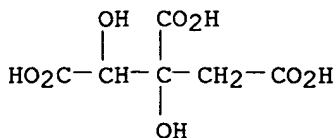
Absolute stereochemistry. Rotation (-).



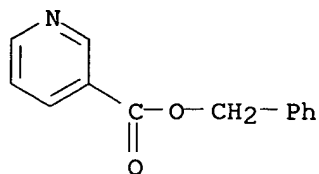
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentaric acid, 3-C-carboxy-2-deoxy-, compd. with phenylmethyl
3-pyridinecarboxylate (9CI)
MF C13 H11 N O2 . x C6 H8 O8

CM 1

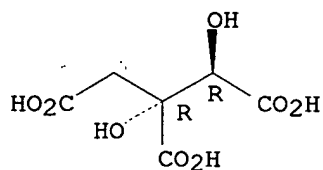


CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN D-erythro-Pentamic acid, 3-C-carboxy-4-deoxy- (9CI)
MF C6 H8 O8
CI COM

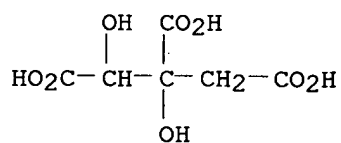
Absolute stereochemistry.



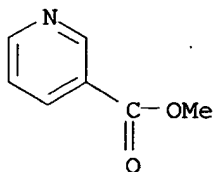
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN
IN Pentamic acid, 3-C-carboxy-2-deoxy-, compd. with methyl
3-pyridinecarboxylate (9CI)
MF C7 H7 N O2 . x C6 H8 O8

CM 1



CM 2



L3 95 ANSWERS REGISTRY COPYRIGHT 2007 ACS on STN

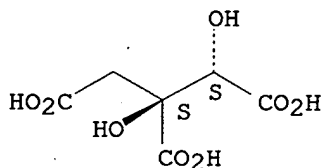
L3 ANSWER 1 OF 95 REGISTRY COPYRIGHT 2007 ACS on STN
RN 913186-37-5 REGISTRY

=> DIS L3 2 FIDE

THE ESTIMATED COST FOR THIS REQUEST IS 4.82 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 2 OF 95 REGISTRY COPYRIGHT 2007 ACS on STN
RN 913186-36-4 REGISTRY
ED Entered STN: 14 Nov 2006
CN D-erythro-Pentamic acid, 3-C-carboxy-2-deoxy-, calcium magnesium potassium
salt (2:1:1:2) (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C6 H8 O8 . 1/2 Ca . K . 1/2 Mg
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
DT.CA Caplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES
(Uses)
CRN (27750-10-3)

Absolute stereochemistry. Rotation (-).



● 1/2 Ca

● K

● 1/2 Mg

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> DIS L3 1 FIDE

THE ESTIMATED COST FOR THIS REQUEST IS 4.82 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y

L3 ANSWER 1 OF 95 REGISTRY COPYRIGHT 2007 ACS on STN
RN 913186-37-5 REGISTRY
ED Entered STN: 14 Nov 2006
CN INDEX NAME NOT YET ASSIGNED
FS STEREOSEARCH

MF C6 H8 O8 . 1/2 Ca . K . 1/2 Zn

SR CA

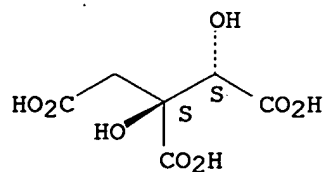
LC STN Files: CA, CAPLUS, USPATFULL

DT.CA CAPLUS document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CRN (27750-10-3)

Absolute stereochemistry. Rotation (-).



● 1/2 Ca

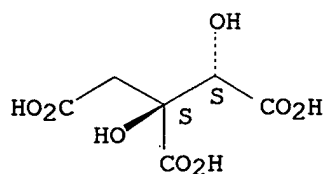
● K

● 1/2 Zn

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>



● 1/2 Ca

● K

● 1/2 Zn

=> s 913186-36-4

REGISTRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

L10 1 L9

=> d ibib abs hitstr

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1124404 CAPLUS

DOCUMENT NUMBER: 145:460510

TITLE: Novel triple mineral salts of (-)-hydroxycitric acid and processes for preparing the same

INVENTOR(S): Gokaraju, Ganga Raju; Gokaraju, Rama Raju; Gottumukkala, Venkata Subbaraju; Somepalli, Venkateswarlu

PATENT ASSIGNEE(S): India

SOURCE: U.S. Pat. Appl. Publ., 8pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006240074	A1	20061026	US 2005-525210	20050222
WO 2005085164	A1	20050915	WO 2004-IN56	20040309
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,				

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
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 TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
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 ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI,
 SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN,
 TD, TG

PRIORITY APPLN. INFO.:

WO 2004-IN56

W 20040309

AB This invention relates to novel triple salts of (-)-hydroxycitric acid having the general formula 1 wherein X, Y are selected from zinc or group IIA metal and Z is selected from group IA metals of the Periodic Table. Preferred salts are triple metal salts of calcium, magnesium or zinc and potassium. This invention also includes a process for preparing the triple salts by adding stiochiometric amts. of aqueous solns. of the compds. of the desired metal to an aqueous solution of (-)-HCA. Preferably an extract from Garcinia fruit ring is used as a starting material. Compds. of this invention are substantially tasteless, odorless and highly water soluble and find use in beverages and in nutraceuticals.

IT 913186-36-4P

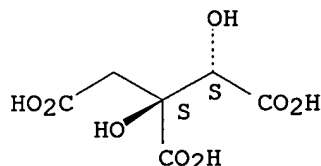
RL: FFD (Food or feed use); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(triple mineral salts of (-)-hydroxycitric acid and processes for preparing the same)

RN 913186-36-4 CAPLUS

CN D-erythro-Pentarcic acid, 3-C-carboxy-2-deoxy-, calcium magnesium potassium salt (2:1:1:2) (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



● 1/2 Ca

● K

● 1/2 Mg

=>

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1124404 CAPLUS
DOCUMENT NUMBER: 145:460510
TITLE: Novel triple mineral salts of (-)-hydroxycitric acid
and processes for preparing the same
INVENTOR(S): Gokaraju, Ganga Raju; Gokaraju, Rama Raju;
Gottumukkala, Venkata Subbaraju; Somepalli,
Venkateswarlu
PATENT ASSIGNEE(S): India
SOURCE: U.S. Pat. Appl. Publ., 8pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006240074	A1	20061026	US 2005-525210	20050222
WO 2005085164	A1	20050915	WO 2004-IN56	20040309
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

WO 2004-IN56

W 20040309

AB This invention relates to novel triple salts of (-)-hydroxycitric acid having the general formula 1 wherein X, Y are selected from zinc or group IIA metal and Z is selected from group IA metals of the Periodic Table. Preferred salts are triple metal salts of calcium, magnesium or zinc and potassium. This invention also includes a process for preparing the triple salts by adding stiochiometric amts. of aqueous solns. of the compds. of the desired metal to an aqueous solution of (-)-HCA. Preferably an extract from Garcinia fruit ring is used as a starting material. Compds. of this invention are substantially tasteless, odorless and highly water soluble and find use in beverages and in neutraceuticals.

IT 913186-37-5P

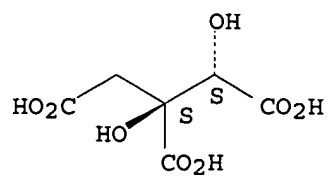
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(triple mineral salts of (-)-hydroxycitric acid and processes for preparing the same)

RN 913186-37-5 CAPLUS

CN D-erythro-Pentarcic acid, 3-C-carboxy-2-deoxy-, calcium potassium zinc salt (2:1:2:1) (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (-).



● 1/2 Ca

● K

● 1/2 Zn

=>

=> d ibib abs hitstr

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1124404 CAPLUS

DOCUMENT NUMBER: 145:460510

TITLE: Novel triple mineral salts of (-)-hydroxycitric acid and processes for preparing the same

INVENTOR(S): Gokaraju, Ganga Raju; Gokaraju, Rama Raju; Gottumukkala, Venkata Subbaraju; Somepalli, Venkateswarlu

PATENT ASSIGNEE(S): India

SOURCE: U.S. Pat. Appl. Publ., 8pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005085164	A1	20050915	WO 2004-IN56	20040309
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.:

WO 2004-IN56

W 20040309

AB This invention relates to novel triple salts of (-)-hydroxycitric acid having the general formula 1 wherein X, Y are selected from zinc or group IIA metal and Z is selected from group IA metals of the Periodic Table. Preferred salts are triple metal salts of calcium, magnesium or zinc and potassium. This invention also includes a process for preparing the triple salts by adding stiochiometric amts. of aqueous solns. of the compds. of the desired metal to an aqueous solution of (-)-HCA. Preferably an extract from Garcinia fruit ring is used as a starting material. Compds. of this invention are substantially tasteless, odorless and highly water soluble and find use in beverages and in nutraceuticals.

IT 913186-37-5P

RL: FFD (Food or feed use); PNU (Preparation, unclassified); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(triple mineral salts of (-)-hydroxycitric acid and processes for preparing the same)

RN 913186-37-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry. Rotation (-).

L8 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2006:1124404 CAPLUS

DOCUMENT NUMBER: 145:460510

TITLE: Novel triple mineral salts of (-)-hydroxycitric acid and processes for preparing the same

INVENTOR(S): Gokaraju, Ganga Raju; Gokaraju, Rama Raju; Gottumukkala, Venkata Subbaraju; Somepalli, Venkateswarlu

PATENT ASSIGNEE(S): India

SOURCE: U.S. Pat. Appl. Publ., 8pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 2005085164	A1	20050915	WO 2004-IN56	20040309
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RW:	BW, GH, GM, GR, GU, HT, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
	TD, TG			

PRIORITY APPLN. INFO.: WO 2004-IN56 W 20040309

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IT 913186-37-5P

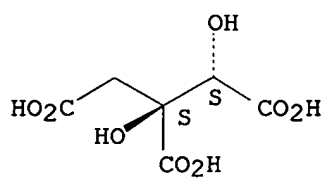
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(triple mineral salts of (-)-hydroxycitric acid and processes for preparing the same)

RN 913186-37-5 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

Absolute stereochemistry. Rotation (-).



● 1/2 Ca

● K

● 1/2 Zn

=>